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To: Examiner Tuan T. Dinh **From:** Edwin W. Bacon, Jr.
Fax: (703) 305-1341 **Pages:** 5
Phone: (703) 306-5856 **Date:** 03/04/02

Re: Application No. 09/928,584

See attached Response to the Office Action mailed February 14, 2002.

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office (Fax No. (703) 305-1341) on March 4, 2002..

Susan J. Sidwell



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Barcley, Tina
Group Art: Unit 2827
Examiner: Dinh, Tuan T
Application Ser. No.: 09/928,584
Filed: 8/13/2001
For: **Circuit Board Assembly with Ceramic Capped Components
and Heat Transfer Vias**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name of Person Mailing Paper	Date	Signature
Susan J. Sidwell	3/4/02	<i>Susan J. Sidwell</i>

AMENDMENT AND ELECTION OF SPECIES

Commissioner For Patents
Washington, D.C. 20231

Sir:

In response to the Office Communication mailed February 14, 2002,
please consider the following.

IN THE SPECIFICATION

Please replace paragraph [0003], beginning on page 1 and ending at the middle of page 2, with the following paragraph. A marked-up version of the amended paragraph is attached at Appendix A.

A) [0003] Typically, the space within the engine compartment is at a premium since it is desirable to keep the engine compartment as small as possible in order to maximize the aerodynamic efficiency of the vehicle. To meet the space constraints, many automotive electronic controllers are provided on flexible circuit boards which can be folded and then placed in an appropriate housing. The circuit boards typically utilized are heavily populated with electronic traces and components. It is desirable that such circuit boards have a thin (low height) profile. Examples of flexible circuit board assemblies can be found by a review of U.S. Patent 5,924,873 and U.S. Patent Application Serial No. 09/630,221 entitled "Multiple Layer Thin Flexible Circuit Board" Barcley, filed August 1, 2000, commonly assigned. The disclosure of Barcley, 09/630,221 is incorporated by reference herein. To minimize the cost and vertical height of the electronic components on many circuit board assemblies, electrical components with end caps (sometimes referred to as leadless components) are preferred.

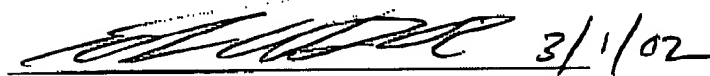
REMARKS

Applicants have amended the specification to correct the application serial number and application date of the reference to inventor Barcley's other pending patent application.

The Examiner states that a restriction is required to elect a single species for prosecution on the merits. Applicants elect without traverse the invention of Embodiment I shown in Figures 2-3, and 6. Claims 1-10 read onto the elected species. Accordingly, the application should now be in condition for prosecution on the merits.

If the Examiner believes that personal communication will expedite prosecution of this application, he is invited to telephone the undersigned at (248) 944-6526.

Prompt and favorable consideration of this election is respectfully requested.



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